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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known

Application Number	10/671,141
Filing Date	09/25/2003
First Named Inventor	Hughes
Art Unit	3672
Examiner Name	
Attorney Docket Number	AHUG.015

Sheet 1 of 1

U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	r ²
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY			
JH		WO 92/04525	03/19/1992	Mohn	All	
JH		GB 2 110 270	06/15/1983	D'Arcy	All	

Examiner Signature	<i>[Signature]</i>	Date Considered	6-12-06
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Form PTO-1449 (Modified)	Docket No: AHUG.015	Serial No.: 10/671,141
List of Patents and Publications Cited by Applicant	Applicant: Hughes	
	Filing Date:	Group: 3679

U.S. Patent Documents						
Examiner Initial		Document No.	Date	Name	Class	Sub-Class
JH	AA	US 2002/0112852	08/2002	Floerke et al.	166	65.1
	AB	US 2002/0112861	08/2002	Restarick et al.	166	384
	AC	US 2002/0014334	02/2002	Chau et al.	166	65.1
	AD	US 2002/0014336	02/2002	Jones	166	341
	AE	US 2002/00114340	02/2002	Johnson	166	380
	AF	US 2002/0005282	01/2002	Holbert et al.	166	65.1
	AG	US 2002/0000317	01/2002	Rayssiguier et al.	166	285
	AH	6,332,499	12/2001	Kobylinski et al.	166	65.1
	AI	US 2001/0042617	11/2001	Beck et al.	166	65.1
	AJ	US 2001/0035288	11/2001	Brockman et al.	166	65.1
	AK	US 2001/0030047	10/2001	Chau et al.	166	378
	AL	6,302,797	10/2001	Driver	464	19
	AM	US 2001/0013411	08/2001	Beck et al.	166	65.1
	AN	6,209,632	04/2001	Holbert et al.	166	65.1
	AO	6,202,743	03/2001	Moore	166	65.1
	AP	6,186,249	02/2001	Bjornstad	175	320
	AQ	6,168,213	01/2001	Muller	285	391
	AU	6,123,561	09/2000	Turner et al.	439	194
	AR	6,116,658	09/2000	Bohlen	285	380
	AS	6,070,912	06/2000	Latham	285	61
	AT	5,984,006	11/1999	Read et al.	166	63
	AU	5,950,744	09/1999	Hughes	175	320
	AV	5,794,985	08/1998	Mallis	285	93
	AW	5,785,357	07/1998	Foster et al.	285	92
✓	AX	5,609,440	03/1997	Roche	405	158

✓	AY	5,474,334	12/1995	Eppink	285	184
	AZ	5,048,871	09/1991	Pheiffer et al.	285	39
	AAA	4,976,655	12/1990	Herbert, Sr.	464	16
	AAB	4,915,423	04/1990	Wallace	285	91
	AAC	4,534,585	08/1985	Saliger	285	92
	AAD	4,483,393	11/1984	More et al.	166	65
	AAE	4,099,745	07/1978	Cobbs	285	24
	AAF	4,051,696	10/1977	Mason et al.	64	23
	AAG	2,273,017	02/1942	Boynton	285	146
	AAH	1,781,091	11/1930	Wilson		
	AAI	1,438,751	12/1922	Des Isles		
	AAJ	1,054,812	03/1913	Zierath		
	AAK	Enviromental Applications of Horizontal Wells	11/1992	George J. Hall		
	AAL	Horizontal Systems: Technology for Shallow-Site Remediation	02/1993	Journal of Petroleum Technology		
	AAM	Smart Drilling with Electrical Drillstring	02/2003	Paul Lurie, Philip Head, Jackie E. Smith		
✓	AAN	Composite-lined Tubulars Can Lower Operating Expenses	07/2000	Kenneth Ross		

Foreign Patent Documents						
Examiner Initial		Document No.	Date	Country	Translation	
					Yes	No
	BA					
	BB					

Examiner: <i>J. M. L.</i>	Date Considered: 6-12-06
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		Number-Kind Code ² (if known)			
JH		US- 6,015,015	01/18/2000	Luft et al.	All
		US- 6,003,606	12/21/1999	Moore et al.	All
		US- 5,563,512	10/08/1996	Mumby	All
		US- 4,914,433	04/03/1990	Galle	All
		US- 4,836,305	06/06/1989	Curlett	All
		US- 4,799,544	01/24/1989	Curlett	All
		US- 4,788,544	11/29/1988	Howard	All
		US- 4,683,944	08/04/1987	Curlett	All
		US- 4,095,865	06/20/1978	Denison et al.	All
		US- 4,001,774	01/04/1977	Dawson et al.	All
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Examiner
Signature

Jc M. L.

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